







## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 2023I
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Bib Data Sheet	

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**CONFIRMATION NO. 2529** 

		FU INO DATE			_						
SERIAL NUMI 09/845,432		FILING DATE 04/30/2001 RULE		CLASS 713	GR	GROUP ART UNIT 2131		ATTORNEY DOCKET NO. 9269-2			
APPLICANTS	1.							<u> </u>			
David Blaker, Chapel Hill, NC; Dan Winkelstein, Raleigh, NC;											
** <b>CONTINUING DATA</b> ***********************************											
** FOREIGN APPLICATIONS *************											
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 06/25/2001											
Foreign Priority claime	ed	u <sub>yes</sub> u <sub>no</sub>									
35 USC 119 (a-d) con met	ıditions	yes no Met afte	er	STATE OR COUNTRY			EETS TOTA				
Verified and		Allowance	" I	NC NC	DKA	WING CLAIM 8 62		IS	CLAIMS 13		
Acknowledged	Exam	iner's Signature Initi	ials	l	_	Ĭ	02		13		
ADDRESS 20792											
TITLE						· · ·					
Hash-ordered databases and methods, systems and computer program products for use of a hash-ordered database											
					☐ All Fees						
						1.16 Fees ( Filing )					
FILING FEE F	FEES: No.	Authority has been giv to charge/cre	aper OSIT ACCOUNT		1.17 Fees ( Processing Ext. of time )						
2266 N	Nofor following:					1.18 Fees ( Issue )					
						Other					
							Credit				